

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Reissue of U.S. Patent No. 5,970,459

Granted: October 19, 1999

Patentees: Jae Woo YANG et al.

Title: System for Synchronization
Between Moving Picture and a Text-
To-Speech Converter

Assistant Commissioner for Patents
Washington, D.C. 20231

REISSUE APPLICATION DECLARATION BY INVENTORS

As a below named inventor, I hereby declare that:

1. My residence, post office address and citizenship are stated below next to my name.
2. I believe I am an original, first and joint inventor of the subject matter that is described and claimed in patent number 5,970,459, granted October 19, 1999, and for which a reissue patent is sought on the invention entitled "System for Synchronization Between Moving Picture and a Text-To-Speech Converter," the specification of which is attached hereto.
3. I have reviewed and understand the contents of the above identified reissue application, including the abstract, specification, and claims.
4. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
5. I verily believe the original patent to be wholly or partly inoperative or invalid, by reason of a defective specification or drawing; by reason of claiming more or less than the patentees had the right to claim in the patent; or by reason of other errors.

Specifically, the synchronization information on a lip shape should not be limited to require "text" in claim 2; and two additional inventors should be named.

6. All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.
7. I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

MYRON COHEN, Reg. No. 17,358; THOMAS C. PONTANI, Reg. No. 29,763; LANCE J. LIEBERMAN, Reg. No. 28,437; MARTIN B. PAVANE, Reg. No. 28,337; MICHAEL C. STUART, Reg. No. 35,698; KLAUS P. STOFFEL, Reg. No. 31,668; EDWARD M. WEISZ, Reg. No. 37,257; JULIA S. KIM, Reg. No. 36,567; VINCENT M. FAZZARI, Reg. No. 26,879; ALFRED W. FROEBRICH, Reg. No. 38,887; KENT H. CHENG, Reg. No. 33,849; ROGER S. THOMPSON, Reg. No. 29,594; GEORGE J. BRANDT, JR., Reg. No. 22,021; F. BRICE FALLER, Reg. No. 29,532; YUNLING REN, Reg. No. 47,019; DAVID J. ROSENBLUM, Reg. No. 37,709; ELI WEISS, Reg. No. 17,765; TONY CHEN, Reg. No. 44,607.

SEND CORRESPONDENCE TO:

Martin B. Pavane
Cohen, Pontani, Lieberman & Pavane
551 Fifth Avenue, Suite 1210
New York, New York 10176

DIRECT TELEPHONE CALLS TO:

Martin B. Pavane
(212) 687-2770

8. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of first inventor	Jae Woo YANG		
Inventor's signature	<i>[Signature]</i>		
Residence	Hanbit Apt. 106-1005 Ureun-Dong, Yusong-Gu Daejon-Shi, 305-333 KOREA	Date:	OCT. 18, 2001
Post office address:	Hanbit Apt. 106-1005 Ureun-Dong, Yusong-Gu Daejon-Shi, 305-333 KOREA	Citizenship:	Korean
Full name of second inventor	Jung Chul LEE		
Inventor's signature	<i>[Signature]</i>		
Residence	Sambu Apt. 36-102 Taepyoung-Dong, Joong-Gu Daejon-Shi, 301-150 KOREA	Date:	OCT. 17, 2001
Post office address:	Sambu Apt. 36-102 Taepyoung-Dong, Joong-Gu Daejon-Shi, 301-150 KOREA	Citizenship:	Korean

Full name of third inventor	Min Soo HAHN		
Inventor's signature	<i>Minsoo Hahn</i>		
Residence	Hanwool Apt. 106-10004 Shinsung-Dong, Yusong-Gu Daejon-Shi 305-345 KOREA	Date:	Oct. 17, 2001
Post office address:	Hanwool Apt. 106-10004 Shinsung-Dong, Yusong-Gu Daejon-Shi 305-345 KOREA	Citizenship:	Korean
Full name of fourth inventor	Hang Seop LEE		
Inventor's signature	<i>Hang Seop Lee</i>		
Residence	Sunsa Hyundai Apt. 108-501 Amsa-Dong, Kangdong-Gu Seoul, KOREA	Date:	Oct 17, 2001
Post office address:	Sunsa Hyundai Apt. 108-501 Amsa-Dong, Kangdong-Gu Seoul, KOREA	Citizenship:	Korean
Full name of fifth inventor	Youngjik LEE		
Inventor's signature	<i>Youngjik Lee</i>		
Residence	Hanbit Apt. 111-601 Oeun-Dong, Yusong-Gu Daejon-Shi KOREA	Date:	OCT. 17, 2001
Post office address:	Hanbit Apt. 111-601 Oeun-Dong, Yusong-Gu Daejon-Shi KOREA	Citizenship:	Korean

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Reissue of U.S. Patent No. 5,970,459

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Assistant Commissioner for Patents
Washington, D.C. 20231

**REISSUE APPLICATION BY ASSIGNEE,
OFFER TO SURRENDER, ASSENT TO REISSUE**

Assistant Commissioner for Patents
Washington, D.C. 20231

This is part of the application for a reissue patent based on the original patent identified above.

Electronics and Telecommunications Research Institute is the assignee of the entire interest in U.S. Patent No. 5,970,459.

I am authorized to act on behalf of the assignee.

Electronics and Telecommunications Research Institute hereby offers to surrender U.S. Patent No. 5,970,459, and assents to the accompanying application that seeks reissue of U.S. Patent No. 5,970,459.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

Dated: October 12, 2001

Electronics and Telecommunications Research
Institute

Signature:

H. B. Lee
Name: *Hyung Bae Lee*
Title: *Team Leader*

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4577-43
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D C 20231

JANUARY 17, 1998

PTAS

COHEN, PONTANI, LIEBERMAN ET AL.
MARTIN B. PAVANE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/14/1997

REEL/FRAME: 8823/0802
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
YANG, JAE WOO

DOC DATE: 10/01/1997

ASSIGNOR:
LEE, JUNG CHUL

DOC DATE: 10/01/1997

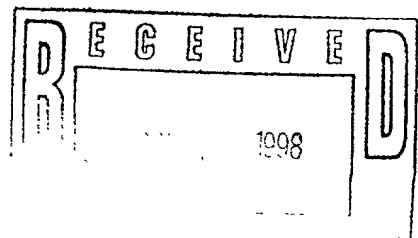
ASSIGNOR:
HAHN, MIN SOO

DOC DATE: 10/01/1997

ASSIGNEE:
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
161 KAJONG-DONG, YUSONG-GU
DAEJON-SHI, REPUBLIC OF KOREA

SERIAL NUMBER: 08970224
PATENT NUMBER:

FILING DATE:
ISSUE DATE:



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.8823/0802 PAGE 2

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
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U.S. DEPARTMENT OF COMMERCE

November 14, 1997

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Patent and Trademark Office

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please record the attached original documents or copy thereof.

Attorney Docket No.: 4577-43

1. Name of conveying party(ies):

Jae Woo YANG
Jung Chul LEE
Min Soo HAHN

2. Name and address of receiving party(ies):

Name: Electronics and
Telecommunications Research
Institute

Street Address: 161 Kajong-Dong, Yusong-Gu

City: Daejon-Shi

Country/State/Zip: Korea

Additional names and addresses attached? ☐ yes

Additional name(s) of conveying party(ies) attached?

☐ yes☒ no

3. Nature of Conveyance

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 10/1/97

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is 10/1/97 ;

A. Patent Application No.(s)

N/A

B. Patent No.(s):

N/A

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Martin B. Pavane, Esq.

Internal Address: Cohen, Pontani, Lieberman & Pavane

Street Address: 551 Fifth Avenue, Suite 1210

City: New York State: NY ZIP: 10176

6. Total number of applications and patents involved:

[1]

7. Total fee (37 C.F.R. 3.41) \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 03-2412

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Martin B. Pavane, Esq.

Name of Person Signing

Reg. No. 28,337

Signature

November 14, 1997

Date

Total number of pages including cover sheet, attachments and document [4]

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Assistant Commissioner for Patents, Box Assignments

Washington, D.C. 20231

Attorney Docket Number:

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We/I the undersigned, 1) Jae Woo Yang, at Hanbit Apt. 106-1005, Ureun-Dong,
Yusong-Gu, Daejon-Shi, Korea
2) Jung Chul Lee, at Sambu Apt. 36-102, Taepyoung-Dong,
Joong-Gu, Daejon-Shi, Korea
3) Min Soo Hahn, at Hanwool Apt. 106-1004, Shinsung-Dong,
Yusong-Gu, Daejon-Shi, Korea

(hereinafter referred to as "ASSIGNOR").

Hereby sell, assign and transfer to ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
(hereinafter referred to as "ASSIGNEE"), a corporation of Republic of Korea,
having a place of business at 161 Kajong-Dong, Yusong-Gu, Daejon-Shi, Korea

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

☐ which was filed on _____ and accorded
U.S. Serial No. _____,

☐ which has been executed by the undersigned concurrently herewith,

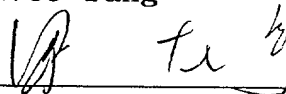
and is entitled SYSTEM FOR SYNCHRONIZATION BETWEEN MOVING PICTURE AND A TEXT-TO-SPEECH CONVERTER and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

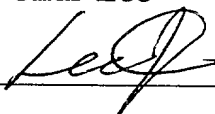
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Jae Woo Yang



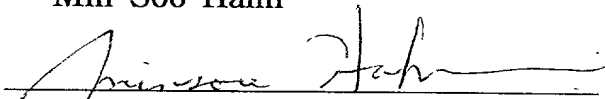
Signature of First Inventor

Jung Chul Lee



Signature of Second Inventor

Min Soo Hahn



Signature of Third Inventor

Witness(es)

1) Ken Yuong Choi

Date : 01/ 10/ 1997

Signature Ken Yuong Choi

2) Chang Yong Choi

Date : 01/ 10/ 1997

Signature Chang Yong Choi

100345-101901